

## **FIRE DEPARTMENT**

### **Impact Analysis Report**

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#### ***OVERVIEW***

The Fire Department administers fees for fire safety permits and inspections, fire safety plan reviews and inspections for construction projects submitted to the Building Division, fire system permits (sprinklers, fixed extinguishing systems, and fire alarm systems), hazardous materials permits, and charges for fire reports, documents, and photographs.

Excluding fines, which are not included in the cost-recovery calculation, the overall cost-recovery rate proposed for the Fire Department 2007-2008 fee program is 100%. A discussion of the major fee revisions is also provided in the 2007-2008 Proposed Operating Budget in the Community and Economic Development CSA section on pages VII 74-77, 115-116, in the Public Safety CSA section on pages VII 333-337, and in the General Fund Revenue Estimates section on pages VI 14-15.

For 2007-2008, to bridge the gap between anticipated revenues of \$7.7 million and base expenditures of \$8.3 million, a combination of actions is recommended to achieve cost recovery. In the development program, these actions include a 5% fee increase (\$229,500) and the elimination of a vacant Office Specialist II position. The addition of one-time resources include two additional vehicles to improve inspection cycle times and updated code books to maintain inspection and plan check quality. These actions bring the program to 97.8% cost recovery, and the one-time use of fee reserves (\$110,066) would result in 100% cost recovery. For the non-development program, a 7.6% fee increase (\$235,144) is proposed to be disseminated evenly across most of the fee categories. The combination of these

proposed actions balances expenditures of \$8.3 million with anticipated revenues and use of reserves, maintaining the cost-recovery level required by Council.

#### ***SUMMARY OF PROPOSED FEE REVISIONS***

##### Existing Fees

A complete list of proposed fee revisions is located in the summary of proposed fee changes section of this document and in the tables that follow this section. As discussed above, the Fire development fee increase of 5% includes Engineering Installation, Removal, or Alteration Permits; HAZMAT Installation, Removal, or Alteration Permits; Inspector Activity Fees; Plan Review Fees; and Miscellaneous Fees. The Fire non-development-related fee increase of 7.6% includes Annual Renewable Permits, Fire Safety Permits, and Inspector Activity Fees.

#### ***DISCUSSION OF SIGNIFICANT IMPACTS***

The proposed Fire Department fee revisions are not expected to have a significant impact on the Department's customers.

#### ***NOTIFICATION***

Development services fee increases were discussed with customers at several public forums in March and April.

General public notice of the proposed fee changes will be provided through published Council hearing dates, with a minimum of ten days for public review of the 2007-2008 Proposed Fees and Charges.

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

## FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

### 1. Engineering Installation, Removal, or Alteration Permits

1 Fire Protection Systems - Fire Alarm Systems	Plan Check: Hourly Rate (base hours=1 hour for the first 12 devices and/or appliances plus 0.01 hour per device/appliance over 12); Inspection: Hourly Rate (base hours=1 hour for the first 8 devices and 4 appliances plus 0.085 hour per device over 8 and 0.01 hour per appliance over 4)	No Change						
2 Fire Protection Systems - Fire Suppression Detection or Monitoring System	Plan Check: Hourly Rate (base hours=1 hour for the first 12 devices and/or appliances plus 0.01 hour per device/appliance over 12); Inspection: Hourly Rate (base hours=1 hour for the first 8 devices and 4 appliances plus 0.085 hour per device over 8 and 0.01 hour per appliance over 4)	No Change						
3 Fire Protection Systems - Fixed Extinguishing System	Plan Check: Hourly Rate (base hour=1 hour); Inspection: Hourly Rate (base hour=1.5 hours plus 0.1 hour per nozzle over 20)	Plan Check: Hourly Rate (base hour=1 hour); Inspection: Hourly Rate (base hour=2 hours plus 0.1 hour per nozzle over 20)						

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee
FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I								
1. Engineering Installation, Removal, or Alteration Permits								
4 Sprinklers, Standpipes & Pumps - Overhead Sprinkler System	Plan Check=Hourly Rate (base hours=1 hour for the first 5,000 sq. ft. plus 0.00004 hour per sq. ft. over 5,000); Inspection: Hourly Rate (base hours=1.5 hours for the first 5,000 sq. ft. plus 0.0002 hour per sq. ft. over 5,000)		Plan Check=Hourly Rate (base hours=1 hour for the first 5,000 sq. ft. plus 0.00004 hour per sq. ft. over 5,000); Inspection: Hourly Rate (base hours=2 hours for the first 5,000 sq. ft. plus 0.0002 hour per sq. ft. over 5,000)					
5 Sprinklers, Standpipes & Pumps - Underground Piping System	Plan Check: Hourly Rate (base hours=1.5 hours for the first 200 feet of pipe plus 0.0005 hour per foot over 200); Inspection: Hourly Rate (base hours=2 hours for the first 200 feet of pipe plus 0.002 hour per foot over 200)		Plan Check: Hourly Rate (base hours=1 hour for the first 200 feet of pipe plus 0.0005 hour per foot over 200); Inspection: Hourly Rate (base hours=2 hours for the first 200 feet of pipe plus 0.002 hour per foot over 200)					
6 Sprinklers, Standpipes, and Pumps - Fire Pump	Plan Check: Hourly Rate (base hours=2 hours per pump); Inspection: Hourly Rate (base hours=4 hours per pump)		No Change					
7 Sprinklers, Standpipes, and Pumps - Standpipe System	Plan Check: Hourly Rate (base hours=1 hour plus 0.1 hour per outlet over 20); Inspection: Hourly Rate (base hours=2 hours plus 0.2 hour per outlet over 20)		No Change					
2. HAZMAT Installation, Removal, or Alteration Permits								

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

## FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

### 2. HAZMAT Installation, Removal, or

#### Alteration Permits

1 Closure of Facilities Storing/Using/Handling Hazardous Materials-Require Submittal of Closure Plan	Plan Check: Hourly Rate (base hours=2 hours); Inspection: Hourly Rate (base hour=1 hour)	No Change
2 Hazardous Materials Systems that Require Submittal of Plan	Plan Check: Hourly Rate (base hours=2 hours for the first system plus 1 hour for each additional system); Inspection: Hourly Rate (base hour=1 hour)	No Change
3 Inert Gas Installation Permit	Plan Check: Hourly Rate (base hours=1 hour for the first system plus .5 hour for each additional system); Inspection: Hourly Rate (base hour=1 hour)	No Change
4 Liquified Petroleum Gases and Associated Piping Systems	Plan Check: Hourly Rate (base hours=2 hours for the first system plus 1 hour for each additional system); Inspection: Hourly Rate (base hour=1 hour)	No Change
5 Ozone Generating Equipment	Plan Check: Hourly Rate (base hours=2 hours per equipment or system); Inspection: Hourly Rate (base hour=1 hour)	No Change

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee
FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I								
2. HAZMAT Installation, Removal, or Alteration Permits								
6 Refrigeration/HVAC Systems Above Exempt Amount in Article 63 of the UFC	Plan Check: Hourly Rate (base hours=2 hours per equipment or system); Inspection: Hourly Rate (base hour=1 hour)		No Change					
7 Tanks (Underground and Above Ground)	Plan Check: Hourly Rate (base hours=2 hours for the first tank plus 1 hour for each additional tank); Inspection: Hourly Rate (base hour=1 hour)		No Change					
8 Vapor Recovery System	Plan Check=Hourly Rate (base hours=2 hours per equipment or system); Inspection: Hourly Rate (base hour=1 hour)		No Change					
3. Hourly Rate								
1 Development Activity Note: For further detail, please refer to Table 6	\$92.50 per half hour or portion thereof		\$97 per half hour or portion thereof					
4. Inspector Activity Fees								
1 After Hours Inspection/Plan Review Development Services	Hourly Rate (minimum 2 hours)		No Change					
2 Expedited Inspection Service	Hourly Rate (minimum 1 hour)		No Change					
3 Failure to Cancel Scheduled Inspection	Hourly Rate (minimum 1 hour)		No Change					

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee
FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I								
4. Inspector Activity Fees								
4 Failure to Notify for Final Inspection	Hourly Rate		No Change					
5 Fire/Smoke Damper Functional Test	Hourly Rate		No Change					
6 Hydrant Flow Test	Hourly Rate		Hourly Rate (minimum 2 hours)					
7 Inspections	Hourly Rate (minimum 1 hour first visit)		No Change					
8 Miscellaneous Plan Reviews	Hourly Rate (minimum 1 hour)		No Change					
9 Other Services	Hourly Rate		No Change					
10 Preliminary Project Site Review	Hourly Rate (minimum 1 hour)		No Change					
11 Services With No Specific Fee	Hourly Rate		No Change					
12 Special Plan Review	Hourly Rate (minimum 1 hour)		No Change					
5. Late Charges								
1 Late Charges	25% of unpaid invoice if more than 60 days in arrears		No Change					
6. Miscellaneous Fees								
1 Audio Cassette Tapes	\$15.00 each		No Change					
2 CD Copies	Document research fee + \$0.50 per disk		No Change					

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

## FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

### 6. Miscellaneous Fees

3 Document Research Service Fee	\$72 per hour (clerical) with minimum of \$36; \$107 per hour (Permit Specialist) with minimum of \$53.50, depending on staff level required		\$72 per hour (clerical) with minimum of \$36; \$112 per hour (Permit Specialist) with minimum of \$56, depending on staff level required					
4 File Research and Analysis	\$0.15 per page		No Change					
5 Hydrant Processing Fee	\$7.50 per transaction		No Change					
6 Optical Imaging Reproduction - 8.5" x 11" and 11" x 17"	\$0.25 per page		No Change					
7 Optical Imaging Reproduction - Plans	\$4.50 per page		No Change					
8 Photocopies of Records and Documents - 11" x 17"	\$0.25 per page		No Change					
9 Photocopies of Records and Documents - 8.5" x 11"	\$0.15 per page		No Change					
10 Photocopies of Records and Documents - Microfiche/Microfilm	\$3.50 for the first image plus \$0.25 per additional page		No Change					
11 Photographs	\$15.00 plus cost of processing		No Change					
12 Sale of Publications	100% of printing costs		No Change					
13 Temporary Certificate of Occupancy Processing	Hourly Rate (minimum 2 hours)		No Change					

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee
FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I								
6. Miscellaneous Fees								
14 Variance Fee	Hourly Rate (minimum 3 hours)		No Change					
15 Video Cassette	\$20.00 each		No Change					
16 Witness Fees (Set by Another Jurisdiction)	Hourly Rate or as allowed by Statute		No Change					
7. Plan Review Fees								
1 Architectural Express Plan Check	1.5 times the hourly rate		1.5 times the hourly rate (see revised Table 1)					
2 Architectural Intermediate Plan Check	1.5 times the Architectural Plan Check Fee		1.5 times the Architectural Plan Check Fee (see revised Table 1)					
3 Architectural Plan Reviews and Inspections by Engineering	Plan Check: Hourly Rate (base hours - see Table 1); Inspection: Hourly Rate (base hours - see Table 2)		Plan Check: Hourly Rate (base hours - see revised Table 1); Inspection: Hourly Rate (base hours - see revised Table 2)					
4 Architectural Special Tenant Improvements	1.5 times the Architectural Plan Check Fee		1.5 times the Architectural Plan Check Fee (see revised Table 1)					
5 Custom Single Family Home	Plan Check: Hourly Rate (base hours - see Table 1); Inspection: Hourly Rate (base hours - see Table 2)		Plan Check: Hourly Rate (base hours - see revised Table 1); Inspection: Hourly Rate (base hours - see revised Table 2)					
6 Fee for Work Done Without a Permit	An amount equal to the cost of plan review and inspection		An amount equal to the cost of plan check and inspection					



# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee
FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I								
7. Plan Review Fees								
7 HazMat Special Tenant Improvements	1.5 times the Hazardous Materials Plan Check Fee		1.5 times the Hazardous Materials Plan Check Fee (see revised Table 3)					
8 Hazardous Materials Express Plan Check	1.5 times the hourly rate		1.5 times the hourly rate (see revised Table 3)					
9 Hazardous Materials Intermediate Plan Check	1.5 times the Hazardous Materials Plan Check Fee		1.5 times the Hazardous Materials Plan Check Fee (see revised Table 3)					
10 Hazardous Materials New Construction Plan Reviews	Plan Check: Hourly Rate (base hours = 2 hours); Inspection: Hourly Rate (base hours = 1 hour)		Plan Check: Hourly Rate (base hours - see revised Table 3); Inspection: Hourly Rate (base hours - see revised Table 3)					
11 Single Family Tracts	Plan Check: Hourly Rate (base hours - see Table 1); Inspection: Hourly Rate (base hours - see Table 2)		Plan Check: Hourly Rate (base hours - see revised Table 1); Inspection: Hourly Rate (base hours - see revised Table 2)					
8. Record Retention Fee								
1 Record Retention Fee	5% of Engineering and Hazardous Materials Installation, Removal, or Alteration Permits Fee		No Change					
SUB-TOTAL FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I		100.0%		4,929,558	4,589,992	4,819,492	93.1%	97.8%

## FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II

### 1. Annual Renewable Operating Permits

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

## FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II

### 1. Annual Renewable Operating

#### Permits

1 Fee for Annual Inspection of Permitted Facilities	Fire Safety Permits - Hourly Rate for reinspection of uncleared violations; HazMat Permits - Hourly Rate for reinspection of uncleared violations	No Change
2 Fire Safety Permits	Permit fee per site with a range of \$329 to \$1,319 per permit (includes inspection fee); fee covers all required permits per facility	Permit fee per site with a range of \$354 to \$1,419 per permit (includes inspection fee); fee covers all required permits per facility
3 Hazardous Materials Permits	\$133 per quantity range (permit fee includes inspection) plus any applicable HMBP and Inventory Fee and Tank Fee	\$143 per quantity range (permit fee includes inspection) plus any applicable HMBP and Inventory Fee and Tank Fee
4 Hazardous Materials Permits - Hazardous Materials Business Plan (HMBP) and Inventory Fee	\$131, plus \$6.00 per quantity range over one, per facility filing long form	\$141, plus \$6.00 per quantity range over one, per facility filing long form
5 Hazardous Materials Permits - Permit Fee Waiver (Facilities with small quantities are exempt from the annual HazMat permit fee)	Inspection included in Fire Safety Permit	No Change

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

## FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II

### 1. Annual Renewable Operating

#### Permits

6 Hazardous Materials Permits - Retail Outlet Facility Fee	Rate for one quantity range per facility plus quantity range fee for regulated materials not covered by retail exemption, plus any applicable HMBP and Inventory, and Tank Fees	No Change
7 Hazardous Materials Permits - Short Form Facility Fee	Rate for one quantity range per facility	No Change
8 Hazardous Materials Permits - Tank Facility	\$253 per facility with tanks	\$272 per facility with tanks

### 2. Arson Restitution

1 Arson Restitution	As established by the Court	No Change
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### 3. Fire Safety Non-Renewable

#### Permits

1 Additional Permit Requiring a Plan Review and/or Inspection	\$182 each (in addition to highest permit fee)	\$196 each (in addition to highest permit fee)
2 Fumigations (Set by Another Jurisdiction)	As per State Law	No Change
3 Permits Requiring BOTH a Plan Review AND an Inspection	\$464	\$499
4 Permits Requiring Either a Plan Review OR an Inspection	\$323	\$348
5 Permits Requiring No Plan Review or Inspection	\$182	\$196

### 4. Hourly Rate

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

## FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II

### 4. Hourly Rate

1 Non-Development Activity	\$70 per half hour or portion thereof	\$75 per half hour or portion thereof
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### 5. Inspector Activity Fees

1 After Hours Inspection/Plan Review for Non-Development Services	Hourly Rate (minimum 1 hour)	No Change
2 Call Back Inspection/Plan Review	Hourly Rate (minimum 3 hours)	No Change
3 County Occupancy Inspections (Set by Another Jurisdiction)	\$50 per hour (per Agreement with County)	No Change
4 Day Care Prelicensing Inspection (Set by Another Jurisdiction)	As per State Law	No Change
5 Failure to Cancel Scheduled Inspection	Hourly Rate (minimum 1 hour)	No Change
6 Fire Watch Service	Hourly Rate (minimum 3 hours)	No Change
7 Hydrant Flow Test	Hourly Rate	No Change
8 Inspections	Hourly Rate (minimum 1 hour first visit)	No Change
9 Miscellaneous Plan Review	Hourly Rate (minimum 1 hour)	No Change
10 Other Services	Hourly Rate	No Change
11 Services with No Specific Fee	Hourly Rate	No Change

# DEPARTMENTAL FEES AND CHARGES

# FIRE

Service	2006-2007 Adopted Fee	2006-2007 % Cost Recovery	2007-2008 Proposed Fee	2007-2008 Estimated Cost	2007-2008 Estimated Revenue		2007-2008 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee
FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II								
5. Inspector Activity Fees								
12 Special Events Inspections and Plan Reviews	1.5 times Inspector's salary		No Change					
13 Special Plan Review	Hourly Rate (minimum 1 hour)		No Change					
6. Late Charges								
1 Late Charges	25% of unpaid invoice if more than 60 days in arrears		No Change					
SUB-TOTAL FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II		100.0%		3,328,750	3,094,000	3,329,000	92.9%	100.0%
TOTAL DEPARTMENT - GENERAL FUND				8,258,308	7,683,992	8,148,492	93.0%	98.7%
TOTAL DEPARTMENT - Category I				4,929,558	4,589,992	4,819,492	93.1%	97.8%
TOTAL DEPARTMENT - Category II				3,328,750	3,094,000	3,329,000	92.9%	100.0%
TOTAL DEPARTMENT				8,258,308	7,683,992	8,148,492	93.0%	98.7%

**TABLE 1 - FIRE DEPARTMENT - DEVELOPMENT SERVICES**  
**Architectural Plan Check Base Fees**

<b>R3 Occupancies</b>			
<b>Type</b>	<b>Base Hours</b>	<b>Base Fees</b>	<b>Modifier</b>
Custom Single Family Dwelling	2	\$388.00	
Single Family Tracts	3	\$582.00	

<b>Multi-Family Buildings</b>			
<b>Area in Sq-Ft</b>	<b>Base Hours</b>	<b>Base Fees</b>	<b>Size Modifier</b>
1 to 10,000	8	\$1,552.00	
10,001 to 20,000	8	\$1,552.00	plus 0.0006 hour per sq-ft over 10,000
>20,000	14	\$2,716.00	plus 0.0005 hour per sq-ft over 20,000

\*High-Rise Building Modifier - 1.1

<b>Commercial, Industrial, and Garage New Buildings (Shell) and Additions</b>			
<b>Area in Sq-Ft</b>	<b>Base Hours</b>	<b>Base Fees</b>	<b>Size Modifier</b>
1 to 10,000	6	\$1,164.00	
10,001 to 20,000	6	\$1,164.00	plus 0.0005 hour per sq-ft over 10,000
>20,000	11	\$2,134.00	plus 0.0004 hour per sq-ft over 20,000

\*High-Rise Building Modifier - 1.1

<b>Tenant Improvement, Alteration and Interior Finish (All Occupancies except R3)</b>			
<b>Area in Sq-Ft</b>	<b>Base Hours</b>	<b>Base Fees</b>	<b>Size Modifier</b>
1 to 5,000	2.5	\$485.00	
5,001 to 20,000	2.5	\$485.00	plus 0.0003 hour per sq-ft over 5,000
>20,000	7	\$1,358.00	plus 0.00025 hour per sq-ft over 20,000

<b>Use Modifier for Tenant Improvement, Alteration, and Interior Finish</b>			
Agricultural	1.0	Parking Garage (Closed)	1.0
Antenna/Cell Site	1.0	Parking Garage (Open)	1.0
Assembly	1.1	Recreation	1.1
Auditorium	1.2	R & D	1.1
Bank	1.0	Repair Garage	1.1
Bowling Alley	1.1	Restaurant	1.1
Canopy Building	1.0	Retail/Store	1.0
Cafeteria	1.1	School/Daycare	1.1
Church	1.2	Service Station	1.0
Hazardous Use	1.2	Theatre	1.2
Health Club	1.1	Tilt-Up Office	1.0
Industrial	1.1	Tilt-Up Warehouse	1.1
Manufacturing	1.0	Unidentified/Speculative	1.0
Medical/Dental	1.0	Warehouse	1.1
Office	1.0		
Mixed Use - use modifier of occupancy with the largest area			

<b>Complexity Modifier for Tenant Improvement, Alteration, and Interior Finish</b>			
Major Modifications	1.20	Minor Modifications	0.75
Standard Modifications	1.00	Very Simple Modifications	0.50

<b>Other Plan Review Services</b>	<b>Fee</b>
Architectural Express Plan Check	1.5 times the hourly rate
Architectural Intermediate/Coordinated Check	1.5 times the architectural plan check fee
Architectural Special Tenant Improvement	1.5 times the architectural plan check fee

**Application of Tables** - The tables above are based on the average plan check hours per category and a billable hourly rate of \$194.00 per hour. The base fees provide an unlimited plan check time for the first review cycle and two additional hours in the second review cycle. Additional fees are only assessed if the review process exceeds two hours in the second review cycle and the total initial hours covered by the base fees are exceeded.

**TABLE 2 - FIRE DEPARTMENT - DEVELOPMENT SERVICES**  
**Architectural Inspection Base Fees**

<b>R3 Occupancies</b>			
<b>Type</b>	<b>Base Hours</b>	<b>Base Fees</b>	<b>Modifier</b>
Custom Single Family Dwelling	1	\$194.00	
Single Family Tracts	2	\$388.00	plus 0.25 hour per unit over 6

<b>Multi-Family Buildings</b>			
<b>Area in Sq-Ft</b>	<b>Base Hours</b>	<b>Base Fees</b>	<b>Size Modifier</b>
1 to 10,000	2	\$388.00	
10,001 to 20,000	2	\$388.00	plus 0.00025 hour per sq-ft over 10,000
>20,000	5	\$970.00	plus 0.0002 hour per sq-ft over 20,000

\*High-Rise Building Modifier - 1.2

<b>Commercial, Industrial, and Garage New Buildings (Shell) and Additions</b>			
<b>Area in Sq-Ft</b>	<b>Base Hours</b>	<b>Base Fees</b>	<b>Size Modifier</b>
1 to 10,000	3	\$582.00	
10,001 to 20,000	3	\$582.00	plus 0.00015 hour per sq-ft over 10,000
>20,000	4	\$776.00	plus 0.000125 hour per sq-ft over 20,000

\*High-Rise Building Modifier - 1.2

<b>Tenant Improvement, Alteration, and Interior Finish (All Occupancies except R3)</b>			
<b>Area in Sq-Ft</b>	<b>Base Hours</b>	<b>Base Fees</b>	<b>Size Modifier</b>
1 to 5,000	1	\$194.00	
5,001 to 20,000	2	\$388.00	plus 0.00015 hour per sq-ft over 5,000
>20,000	4	\$776.00	plus 0.000125 hour per sq-ft over 20,000

<b>Use Modifier for Tenant Improvement, Alteration, and Interior Finish</b>			
Agricultural	1.0	Parking Garage (Closed)	1.0
Antenna/Cell Site	1.0	Parking Garage (Open)	1.0
Assembly	1.0	Recreation	1.1
Auditorium	1.1	R & D	1.1
Bank	1.0	Repair Garage	1.1
Bowling Alley	1.1	Restaurant	1.1
Canopy Building	1.0	Retail/Store	1.0
Cafeteria	1.1	School/Daycare	1.1
Church	1.1	Service Station	1.0
Hazardous Use	1.1	Theatre	1.1
Health Club	1.0	Tilt-Up Office	1.0
Industrial	1.1	Tilt-Up Warehouse	1.1
Manufacturing	1.0	Unidentified/Speculative	1.0
Medical/Dental	1.0	Warehouse	1.1
Office	1.0		
Mixed Use - use modifier of occupancy with the largest area			

<b>Complexity Modifier for Tenant Improvement, Alteration, and Interior Finish</b>			
Major Modifications	1.10	Minor Modifications	0.75
Standard Modifications	1.00	Very Simple Modifications	0.50

**Application of Tables** - The tables above are based on the average inspection hours per category and a billable hourly rate of \$194.00 per hour. The total hours purchased (fee/\$194.00) will limit the available inspection service allowed. All fractions of inspection hours will be rounded up to the next whole hour.

**TABLE 3 - FIRE DEPARTMENT - DEVELOPMENT SERVICES**

**Special Use - Architectural Plan Check and Inspection Base Fees**

Special Use	Base Fees	
Use	Plan Check	Inspection
Antenna	2.00	1.00
ATM	1.50	1.00
Canopy Structure	1.50	1.00
Cooling Tower	1.50	1.00
Damage Repair	1.50	1.00
Demising Walls Only	1.50	1.00
Demo Interior Walls	1.50	1.00
Façade Changes	1.50	1.00
Fences/Gates	1.50	1.00
Fountains	1.50	1.00
HVAC Systems	2.00	1.00
Occupancy Changes	1.50	1.00
Occupancy Load Changes	2.00	1.00
Racks	2.50	1.00
Seismic Upgrades	1.50	1.00
Spray Booth	2.50	1.00
Swimming Pools	2.00	1.00
Tools	2.00	1.00

**Hazardous Materials Building Plan Check and Inspection Base Fees**

Service	Plan Check		Inspection	
	Base Hours	Base Fees	Base Hours	Base Fees
Hazmat New Construction Plan Check and Inspection	2	\$388.00	1	\$194.00
Hazmat Express Plan Check	1.5 times the hourly rate	\$291.00	1	\$194.00
Hazmat Intermediate or Coordinated Plan Check	1.5 times Hazmat New Construction Plan Check Fee	\$582.00	1	\$194.00
Hazmat Special Tenant Improvements	1.5 times Hazmat New Construction Plan Check Fee	\$582.00	1	\$194.00

**Application of Tables** - The tables above are based on the average plan check and inspection hours per category and a billable hourly rate of \$194.00 per hour. The total hours purchased (fee/\$194.00) will limit the available plan check service and/or inspections allowed. All fractions of inspection hours will be rounded up to the next whole hour.



**TABLE 4 - FIRE DEPARTMENT - DEVELOPMENT SERVICES**  
**Engineering and Hazmat Systems Installation, Removal, or Alteration Permits**  
**Base Plan Check Fees**

System	Base Hours	Base Fee	Size Modifier
<b>Fire Protection Systems</b>			
• Fire Alarm Systems	1.00	\$194.00	for the first 12 devices/appliances + 0.01 hour per device/appliance over 12
• Fire Suppression Detection and Monitoring System	1.00	\$194.00	for the first 12 devices/appliances + 0.01 hour per device/appliance over 12
• Fixed Extinguishing System	1.00	\$194.00	
<b>Sprinklers, Standpipes and Pumps</b>			
• Underground Piping System	1.00	\$194.00	for the first 200 feet of pipe + 0.0005 hour per foot over 200
• Overhead Sprinkler System	1.00	\$194.00	for the first 5,000 square-feet + 0.00004 hour per square-foot over 5,000
• Standpipe System	1.00	\$194.00	for the first 20 outlets + 0.1 hour per outlet over 20
• Fire Pump	2.00	\$388.00	
<b>Hazmat Systems</b>			
• Tanks (underground and aboveground)	2.00	\$388.00	for the first tank + 1 hour per additional tank
• Hazardous Materials Systems that require submittal of plan	2.00	\$388.00	for the first system + 1 hour per additional system
• Closure of facilities storing, using, or handling hazardous materials that require submittal of a closure plan	2.00	\$388.00	
• Liquefied Petroleum Gases and associated piping systems	2.00	\$388.00	for the first system + 1 hour per additional system
• Ozone Generating Equipment	2.00	\$388.00	per equipment/system
• Refrigeration/HVAC Systems above exempt amount in Article 63 of the UFC	2.00	\$388.00	per equipment/system
• Vapor Recovery System	2.00	\$388.00	per equipment/system
• Inert Gas Installation Permit	1.00	\$194.00	for the first system + 0.5 hour per additional system
<b>Expedited Plan Review Services</b>		<b>Fees</b>	
• Express Plan Check		1.5 times the systems plan check fee	
• Intermediate/Coordinated Plan Check		1.5 times the systems plan check fee	
• Special Tenant Improvement Plan Check		1.5 times the systems plan check fee	

**Application of Table** - The table above is based on the average plan check hours per category and a billable hourly rate of \$194.00 per hour. The total hours purchased (fee paid/\$194.00) will limit the available plan check service allowed.

**TABLE 5 - FIRE DEPARTMENT - DEVELOPMENT SERVICES**  
**Engineering and Hazmat Systems Installation, Removal, or Alteration Permits**  
**Base Inspection Fees**

System	Base Hours	Base Fees	Size Modifier
<b>Fire Protection Systems</b>			
• Fire Alarm Systems	1.00	\$194.00	for the first 8 devices and 4 appliances + 0.085 hour per device over 8 and 0.01 per appliance over 4
• Fire Suppression Detection or Monitoring System	1.00	\$194.00	for the first 8 devices and 4 appliances + 0.085 hour per device over 8 and 0.01 per appliance over 4
• Fixed Extinguishing System	2.00	\$388.00	plus 0.1 hour per nozzle over 20
<b>Sprinklers, Standpipes, and Pumps</b>			
• Underground Piping System	2.00	\$388.00	for the first 200 feet of pipe + 0.002 hour per foot over 200
• Overhead Sprinkler System	2.00	\$388.00	for the first 5,000 square-feet + 0.0002 hour per square-foot over 5,000
• Standpipe System	2.00	\$388.00	for the first 20 outlets + 0.2 hour per outlet over 20
• Fire Pump	4.00	\$776.00	
<b>Hazmat Systems</b>			
• Tanks (underground and above aboveground)	1.00	\$194.00	
• Hazardous Materials Systems that require submittal of plan	1.00	\$194.00	
• Closure of facilities storing, using, or handling hazardous materials that require submittal of a closure plan	1.00	\$194.00	
• Liquified Petroleum Gases and associated piping systems	1.00	\$194.00	
• Ozone Generating Equipment	1.00	\$194.00	
• Refrigeration/HVAC Systems above exempt amount in Article 63 of the UFC	1.00	\$194.00	
• Vapor Recovery System	1.00	\$194.00	
• Inert Gas Installation Permit	1.00	\$194.00	

**Application of Table** - The table above is based on the average inspection hours per category and a billable hourly rate of \$194.00 per hour. The total hours purchased (fee paid/\$194.00) will limit the available inspection service allowed. All fractions of inspection hours will be rounded up to the next whole hour.



**TABLE 6 - FIRE DEPARTMENT - DEVELOPMENT SERVICES**  
**Other Miscellaneous Fees**

<b>Service</b>	<b>Fees</b>
Hourly Rate	\$194.00
Variance & AMMC	Hourly Rate (min. 3 hours)
TCO Processing	Hourly Rate (min. 2 hours)
After Hours Inspection/Plan Review	Hourly Rate (min. 2 hours)
Failure to Cancel Scheduled Inspection	Hourly Rate (min. 1 hour)
Buildings, Structures and Fire Systems Installed Without Permits	Two times the Plan Review and Inspections Fees
Hydrant Flow Test	Hourly Rate (minimum 2 hours)
Hydrant Processing Fee	\$7.50 per transaction
Preliminary Project Site Review	Hourly Rate (min. 1 hour)
Fire/Smoke Damper Functional Test	Hourly Rate
Services with no specific fee	Hourly Rate
Record Retention Fee	5% of Engineering and Hazardous Materials Installation, Removal, or Alteration Permit Fee
Late Charges	25% of unpaid invoice if more than 60 days in arrears